

Course Sequence Guide

(Please note: They are guides that provide a general roadmap so not every student's schedule will look exactly like this.)

BST – Automotive Technical Option

Freshman (1st semester Fall)

1hr AT 100 Orientation to the Transportation Industry
3hr AT 115 Mobile Electrical (AT 621pr)
3hr AT 116 Mobile Electrical Lab (WL)
3hr ENGL 101 English Comp (ENGL 299 pr) (A0)
3hr COMM 207 Speech Communication (B0)
2hr UGS 150 Gorilla Gateway (H0)
15hrs

Freshman (2nd semester Spring)

3hr 211 Steering, Suspension & Alignment
3hr AT 210 Brake Systems
3hr AT 301 Fundamentals of Collision Tech (WL)
1hr HHP 150 Lifetime Fitness Concepts (G0)
3hr MATH 143 Elementary Statistics (C0)
3hr PSCYH 155 General Psychology (WL) (G4)
16hrs

Sophomore (1st semester Fall)

3hr AT 213 Engine Systems
3hr AT 314 Manual Transmissions and Drivelines
3hr AT 418 Failure Analysis
3hr ENGL 299 Intro to Research Writing (ENGL 301pr) (A0)
3hr ECON 200 Principles of Microeconomics (E2)
15hrs

Sophomore (2nd semester Spring)

2hr AT 399 Professional Development
3hr AT 414 Automatic Transmissions
3hr ENGL 301 Technical/Professional Writing
3hr Automotive Technical Elective
4hr Natural World/Scientific Inquiry (F4)
15hrs

Junior (1st semester Fall)

3hr AT 415 Mobile Climate Systems
3hr AT 416 Fluid Power
3hr AT 515 Engine Performance
3hr Automotive Technical Elective
3hr Human Systems/No Companion Element (E0)
15hrs

Junior (2nd semester Spring)

3hr AT 340 Diesel Engine Fundamentals
3hr AT 650 Dynamometer and Performance Testing
3hr Human Experience/Non-Verbal Creative Expression (D3)
3hr Automotive Technical Elective
3hr AT 580 Dealership Service Operations
15hrs

Senior (1st semester Fall)

3hr AT 620 Hybrid, Electric, and Fuel Cell Vehicles
3hr AT 613 Service Techniques Laboratory
3hr AT 519 Mobile Fuels, Lubricants and Alternate Fuels
3hr Human Systems/Scientific Inquiry (E)
3hr Automotive Technical Elective
15hrs

Senior (2nd semester Spring)

1hr AT 699 Senior Seminar
3hr AT 635 Advance Engine Performance
3hr Any Pathways course
3hr Human Systems/Diverse Perspective (E1)
3hr Automotive Technical Elective
1hr AT 410 Emerging Developments
14 hrs

Note: Classes listed in parentheses with “pr” notate that the class is a prerequisite for the course left of the parentheses.

Color Code:

Red=Automotive courses

Yellow highlight=Emphasis courses

Green=English and WL courses

NOTE: The information contained herein is intended to be used for the planning of a student's academic program and does not constitute a contract. This guide was prepared with the latest information, courses, graduation requirements, and curricula and are subject to change.

MINIMUM GENERAL REQUIREMENTS: The minimum requirements for graduation include 120 semester hours of which 60 hours must be from a four-year university. In addition, 45 semester hours must be upper division and 30 hours in residence at PSU (including 24 of the last 30). Minimum GPA for non-education degree is 2.0 overall [2.0 in major], secondary education degree is 2.5 overall [2.75 in major], and early/late childhood/unified degree is 2.80 overall [3.0 in major]. A minimum GPA of 2.0 in any major and in residence coursework is required. Pitt Pathway courses and all degree requirements are provided in the online catalog. Refer to individual departments for specific requirements.